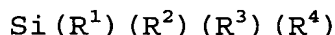


CLAIMS

1. Reinforcement yarn, particularly glass yarn,
coated with a sizing composition comprising at least
5 one silane satisfying the following formula:



in which:

- 10 • R^1 and R^2 are chosen from the following atoms or groups:
-H, -Cl, -O- R^5 , -O- R^6 -O- R^5 , -O-(C=O)- R^5 , -O- R^6 -(C=O)- R^5 ;
• R^3 is chosen from the following atoms or groups:
-Cl, -O- R^5 , -O- R^6 -O- R^5 , -O-(C=O)- R^5 , -O- R^6 -(C=O)- R^5 ;
15 • R^5 and R^6 being chosen from hydrocarbon radicals
whose main chain has from 1 to 4 carbon atoms;
• $\text{R}^4 = -\text{R}^7\text{-NHR}^8$;
• R^7 being chosen from branched hydrocarbon radicals
whose main chain has from 2 to 6 carbon atoms;
20 • R^8 being chosen from the following groups:
-H, - $\text{R}^9\text{-NH}_2$, - $\text{R}^{10}\text{-NH-R}^9\text{-NH}_2$;
• R^9 being chosen from hydrocarbon radicals containing
from 1 to 12 carbon atoms or from carbonyls; and
• R^{10} being chosen from hydrocarbon radicals whose main
25 chain has from 1 to 6 carbon atoms.

2. The reinforcement yarn as claimed in claim 1,
characterized in that $\text{R}^1 = \text{R}^2 = \text{R}^3 = -\text{CH}_3\text{O}$, and
 $\text{R}^4 = -\text{CH}_2\text{-CH}_2\text{-C}(\text{CH}_3)_2\text{-CH}_2\text{-NH}_2$ or $\text{R}_4 = -\text{CH}_2\text{-C}(\text{CH}_3)_2\text{-CH}_2\text{-NH}_2$.

30

3. The reinforcement yarn as claimed in claim 1 or
claim 2, characterized in that the composition
furthermore comprises at least one γ -methacryloxy-
propyltrimethoxysilane or a vinyl silane.

35

4. The reinforcement yarn as claimed in one of
claims 1 to 3, characterized in that the composition
furthermore comprises at least one, and preferably at
least two, bonding agents.

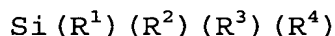
5. The reinforcement yarn as claimed in one of claims 1 to 4, characterized in that the composition furthermore comprises at least one, and preferably at least two, lubricating agents.

6. The reinforcement yarn as claimed in one of claims 1 to 5, characterized in that it is obtained from an alkali-resistant glass.

10

7. The reinforcement yarn as claimed in one of claims 1 to 6, characterized in that it is used to reinforce plastic, in particular organic, materials.

15 8. A sizing composition for reinforcement yarns, in particular for glass yarns, comprising at least one silane satisfying the following formula:



20

in which:

- R^1 and R^2 are chosen from the following atoms or groups:
-H, -Cl, -O- R^5 , -O- R^6 -O- R^5 , -O-(C=O)- R^5 , -O- R^6 -(C=O)- R^5 ;
- 25 • R^3 is chosen from the following atoms or groups:
-Cl, -O- R^5 , -O- R^6 -O- R^5 , -O-(C=O)- R^5 , -O- R^6 -(C=O)- R^5 ;
- R^5 and R^6 being chosen from hydrocarbon radicals whose main chain has from 1 to 4 carbon atoms;
- $\text{R}^4 = -\text{R}^7\text{-NHR}^8$;
- 30 • R^7 being chosen from branched hydrocarbon radicals whose main chain has from 2 to 6 carbon atoms;
- R^8 being chosen from the following groups:
-H, - $\text{R}^9\text{-NH}_2$, - $\text{R}^{10}\text{-NH-R}^9\text{-NH}_2$;
- R^9 being chosen from hydrocarbon radicals containing
35 from 1 to 12 carbon atoms or from carbonyls; and
- R^{10} being chosen from hydrocarbon radicals whose main chain has from 1 to 6 carbon atoms.

9. A composite comprising at least one organic

material and/or one inorganic material and comprising reinforcement yarns, at least some of these yarns being reinforcement yarns as claimed in one of claims 1 to 6.